

# Preparation of Scoring Map

Three of the key terms used in these instructional materials are “communities,” “areas,” and “sub-areas.” These terms are defined as follows:

- Communities are the total extent of a KAB affiliate’s jurisdiction, which might be a town, a city, a county or a multi-county region.
- The community is then divided into about 5-15 areas, in order to break down the work into manageable units.
- Areas are then divided into about 10-20 sub-areas, which are the units to be scored using a four-point scale.

The first step in conducting the KAB Litter Index process is the preparation of a scoring map. This map will be used to define the total community, divide the community into areas and select sub-areas for actual scoring.

## Areas

It is necessary to obtain a map that depicts your entire KAB affiliate community, with clearly marked roadways. It is helpful in determining how to form areas if the map indicates political subdivisions such as wards, councils, or county commissioner districts; sanitation districts; school districts; neighborhoods; and/or other existing boundaries. The goal is to divide the map of your KAB affiliate community into about 5-15 areas which, taken together, encompass the affiliate’s entire community.

Use your own judgment in selecting areas to achieve the following general objectives: (1) break down the work into manageable units; (2) identify comparable areas based on such parameters as population, square miles, etc.; and (3) facilitate year to year, or “before and after” comparisons throughout the community. It is important that the areas selected support the educational focus of your KAB affiliate’s work. These areas will generally remain the same from year to year.

These areas, which together make up the total KAB affiliate community, can be obtained using one of the following: political subdivisions such as wards, councils, or county commissioner districts; sanitation districts; school districts; well-defined neighborhoods, or other existing boundaries. For example, if a KAB community has eight wards or council districts, these could be used to obtain the eight areas for use in the Litter Index. Similarly, a KAB community with 10 county commission or supervisor districts could have 10 areas.

**Sub-areas**

Next, divide each area into about 10-20 sub-areas, which are the units that will actually be scored with the four-point scale. These sub-areas should provide a fair representation of land use within the area.

These sub-areas will be marked on the scoring map by tracing the roadways to be driven in the sub-area. The following are guidelines to be used in the sub-area selection process:

- The sub-areas can total as high as 100% of the area, but should not be less than 20% of the area. Either street mileage or square footage can be used to estimate the percent of the area covered by the sub-area. The larger the percentage of the area covered by sub-areas, the more accurate the overall scores will be.
- The sub-areas selected should be a fair representation of the land uses within the area (e.g., residential, commercial, educational, recreational, industrial, and agricultural).
- Each sub-area should be selected so that when driven, most or all of the sub-area can be viewed by the scorers.
- Scorers should be able to score all the sub-areas within an area in about 1 to 2 hours. Stated differently, one should be able to score each sub-area in a few minutes.
- Sub-areas could include: short stretches of roadway; parks; schools; small commercial districts; or several blocks of residential neighborhoods.

# Litter Scale: Written Descriptions

Score	Instructions for Scorer
<b>1 "No Litter"</b>	Virtually no litter can be observed in the sub-area being scored. The scorer has to look hard to see any litter, perhaps a very occasional litter item or two in a city block, or equivalent. Any litter seen could be quickly collected by one individual. The entire sub-area has a generally neat and tidy appearance; nothing grabs the eye as being littered or messy.
<b>2 "Slightly Littered"</b>	Upon careful inspection, a small amount of litter is obvious to the scorer. The litter in the sub-area could be collected by one or two individuals in a short period of time. While the sub-area has a small amount of litter, the eye is not continually grabbed by litter items.
<b>3 "Littered"</b>	Visible litter can readily be seen throughout the sub-area, likely requiring an organized effort for removal. This area is "littered" and clearly needs to be addressed.
<b>4 "Extremely Littered"</b>	A continuous amount of litter level is one of the first things noticed about the sub-area. Major illegal dumpsites might be seen in the sub-area, requiring equipment and/or extra manpower for removal. There is a strong impression of a lack of concern about litter in the sub-area.

# KAB Litter Index Scoring Sheet

Keep \_\_\_\_\_ Beautiful

Area \_\_\_\_\_ Date \_\_\_\_\_ Scorer \_\_\_\_\_

Sub-area	Score (1,2,3,4)	Notable Conditions
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		

PRE-CERTIFICATION: KAB LITTER INDEX